United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

ACOE WV OH 94 1

Reply To: 3410

Date: January 18, 1995

Mr. Donald Thompson
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Thompson:

Summaries of the 1983-1994 gypsy moth trapping program conducted at 14 Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing trap locations for those sites having positive male moth catches (Figures 1-7). The purpose of the trapping program is to monitor low level gypsy moth populations and to help us determine when more intensive survey methods should be employed.

A brief summary of this year's trapping results follows:

* Burnsville Lake and Dillon Lake experienced a slight decrease in total moths trapped.

* Alum Creek decreased by 75 percent in average moths per trap. The Ohio Department of Agriculture's 1994 trapping results indicate that the counties surrounding Alum Creek also had a decrease (ranging from 25 percent to 95 percent) in moths per trap.

* Mohawk Dam decreased by 67 percent in moths per trap while Ohio's trapping results for Coshocton County showed a 318 percent increase. Counties to the west of Mohawk Dam showed an average of 91 percent decrease in moths/trap. Evidently, most of the trap catches in Coshocton County were well east of Mohawk Dam.

* Summersville Lake had its first positive catch this year. Nine male gypsy moths were trapped at this site.

* Paint Creek caught 6 moths; the first positive catch since 1989.

* Sutton Lake caught 35 moths, almost double that caught in 1993.

* At Beech Fork Lake, the traps were inadvertently deployed without the pheromone, making the traps useless for attracting male moths.

* Bluestone, Deer Creek, Delaware, East Lynn, North Branch of the Kokosing River, and R.D. Bailey Lakes all had negative trap catches in 1994.

Based on these results, more intensive survey methods continue to be unnecessary. Gypsy moth populations will not impact any of the Corps sites in the immediate future. We would like to see the trapping program continued at the same intensity at all the Projects in 1995.

Thank you for your continued cooperation and if you have any questions regarding this report, please call me at (304) 285-1556.

Sincerely,

Karen D. Felton

KAREN D. FELTON
Forestry Technician
Forest Health Protection

Enclosures

cc: AO
Robert Wattenshaitt, Alum Creek
Michael Hatten → ~~Scott Mayo~~, Beech Fork Lake
Dean Bonifacio, Bluestone Lake
Jeff H. Toler, Burnsville Lake
Bonnie Maki, Deer Creek Lake
Ben O'Dell, Delaware Lake
Donna Burks, Dillon Lake
Mike Smith ← ~~Richard Berkes~~, East Lynn Lake
Richard Berkes ← ~~Valerie Krenizky~~, Mohawk Dam, N. Branch Kokosing River (Joe Kolodziej)
Todd Milnes ← ~~Kelly Rolfe~~, Paint Creek Lake
Kim Thomas, R.D. Bailey Lake
Mark Benson, Summersville Lake
Keith Anne Nuckels, Sutton Lake
Jan Hacker, WVDA
Allen Baumgard, OHDA

KDF/mae

Table 1.--Summary of the 1983-1994 gypsy moth trapping results, Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	18	0	--
1986	15	1	9
1987	15	0	--
1988	15	0	--
1989	15	0	--
1990	15	4	2,3,11,15
1991	15	2	7,10
1992	15	7	1,2,4,6,7,11
1993	15	12	All except 1,2,7,9,12,13
1994	15	3	3,12

Beech Fork Lake (Wayne County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	20	0	--
1984	15	0	--
1985	15	0	--
1986	15	0	--
1987	15	0	--
1988	15	0	--
1989	15	1	3
1990	15	5	3,4
1991	14	7	3,7,8,12
1992	20	0	--
1993	18	0	--
1994	20	--	Traps deployed without pheromone

Bluestone Lake (Summers County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	25	0	--
1984	25	0	--
1985	25	0	--
1986	26	0	--
1987	26	0	--
1988	26	0	--
1989	25	1	17
1990	25	1	23
1991	25	0	--
1992	25	0	--
1993	25	0	--
1994	25	0	--

Burnsville Lake (Braxton County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	20	0	--
1984	20	0	--
1985	20	0	--
1986	20	0	--
1987	18	0	--
1988	21	2	1,13
1989	17	0	--
1990	21	9	2,4,8,12,13,15,17
1991	14	14	All
1992	15	12	1,2,4,6,9,13,15
1993	15	14	All except 1,5,9,10,13,14
1994	15	13	6,10,12,15

Deer Creek Lake (Fayette and Pickaway Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	13	0	--
1986	15	0	--
1987	15	0	--
1988	15	0	--
1989	15	1	15
1990	15	0	--
1991	15	0	--
1992	15	3	6,7,13
1993	15	3	1,6
1994	15	0	--

Delaware Lake (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	18	0	--
1986	15	0	--
1987	15	0	--
1988	12	0	--
1989	12	0	--
1990	12	0	--
1991	10	0	--
1992	10	1	9
1993			No traps deployed
1994	12	0	--

Dillon Lake (Muskingum County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	15	0	--
1986	15	4	4,11
1987	15	0	--
1988	16	0	--
1989	16	9	2,6,8,11-13,15
1990	16	0	--
1991	16	11	4-6,8,9,11,13,14,16
1992	16	31	All except 4,7,8,16
1993	3	6	17,18
1994	16	15	2,5,6,12,13,14,15

East Lynn Lake (Wayne County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	25	0	--
1984	25	0	--
1985	34	0	--
1986	31	0	--
1987	33	8	8
1988	33	0	--
1989	33	0	--
1990			No data
1991	33	0	--
1992	34	0	--
1993	35	0	--
1994	35	0	--

Mohawk Lake (Coshocton County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	--
1984	12	0	--
1985	10	0	--
1986	10	0	--
1987	8	1	3
1988	9	0	--
1989	9	2	5,7
1990	9	9	1,2,4,59
1991	9	3	4,6,8
1992	9	29	All except 4
1993	9	89	All
1994	9	29	1,2,5,6,7,8

North Branch Kokosing River (Know County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	--
1984			Traps not deployed
1985	13	1	8
1986	10	0	--
1987	8	0	--
1988	9	0	--
1989	9	0	--
1990	9	0	--
1991	9	0	--
1992	9	2	4,5
1993	9	1	3
1994	9	0	--

Paint Creek Lake (Highland and Ross Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	10	0	--
1985	10	0	--
1986	12	3	2
1987	12	0	--
1988	10	0	--
1989	10	6	5,7,8,9
1990			No data
1991	10	0	--
1992	12	0	--
1993	14	0	--
1994	13	6	3,4,12,13

R.D. Bailey Lake (Mingo and Wyoming Counties, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	24	0	--
1984	25	0	--
1985	25	0	--
1986			Traps not deployed
1987	27	1	3
1988	26	0	All traps stolen
1989	25	0	--
1990	25	10	8,13,25
1991	18	0	--
1992	24	0	--
1993	19	0	--
1994	19	0	--

Summersville Lake (Nicholas County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	15	0	--
1986	15	0	--
1987	15	0	--
1988	16	0	--
1989	16	0	--
1990	16	0	--
1991	16	0	--
1992	16	0	--
1993	20	0	--
1994	20	9	2,13,14,17,18,20

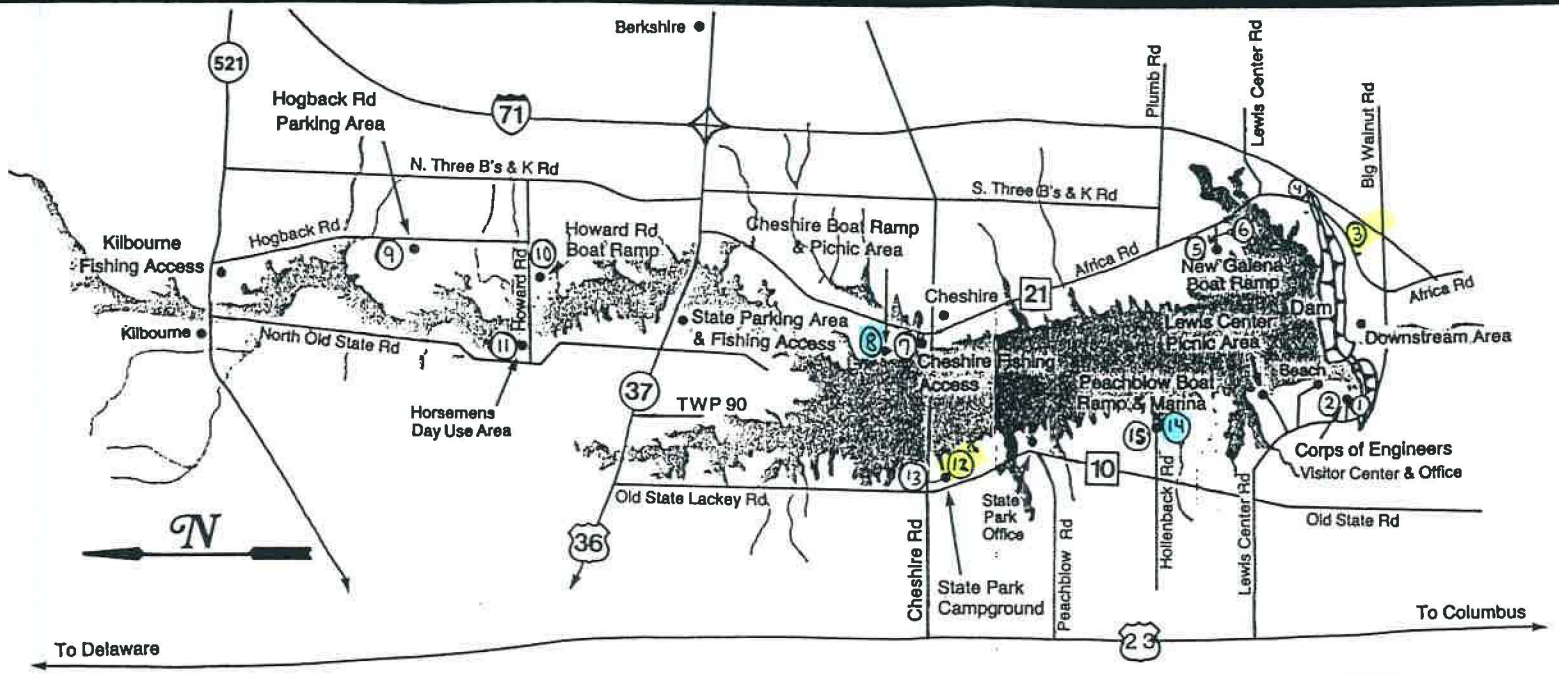
Sutton Lake (Braxton County, WV)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	20	0	--
1984	20	0	--
1985	20	1	6
1986	20	7	1,5,7,9
1987	20	1	13
1988	15	1	7
1989	15	2	8,15
1990	15	3	4
1991	15	0	--
1992	15	4	8,12
1993	20	17	1,4,5,13,18,20
1994	20	33	4,7,9,13,14,15

Figure 1.--1994 gypsy moth trap locations.

US Army Corps of Engineers
Huntington District

Alum Creek Lake Opportunities



The Corps of Engineers and the State of Ohio have planned jointly to provide you and your family with a wide variety of recreation facilities for your relaxation and enjoyment. We have worked hard to provide you with the best facilities available and we hope you will care for them and enjoy them.

The Alum Creek Lake Visitor Center is open year around. Facilities and services include exhibits, information, maps, brochures, a movie theater, public telephone, and restrooms. A variety of guided walks, talks, and other programs are offered free of charge by the U.S. Army Corps of Engineers.

For additional information call: (614) 548-6151

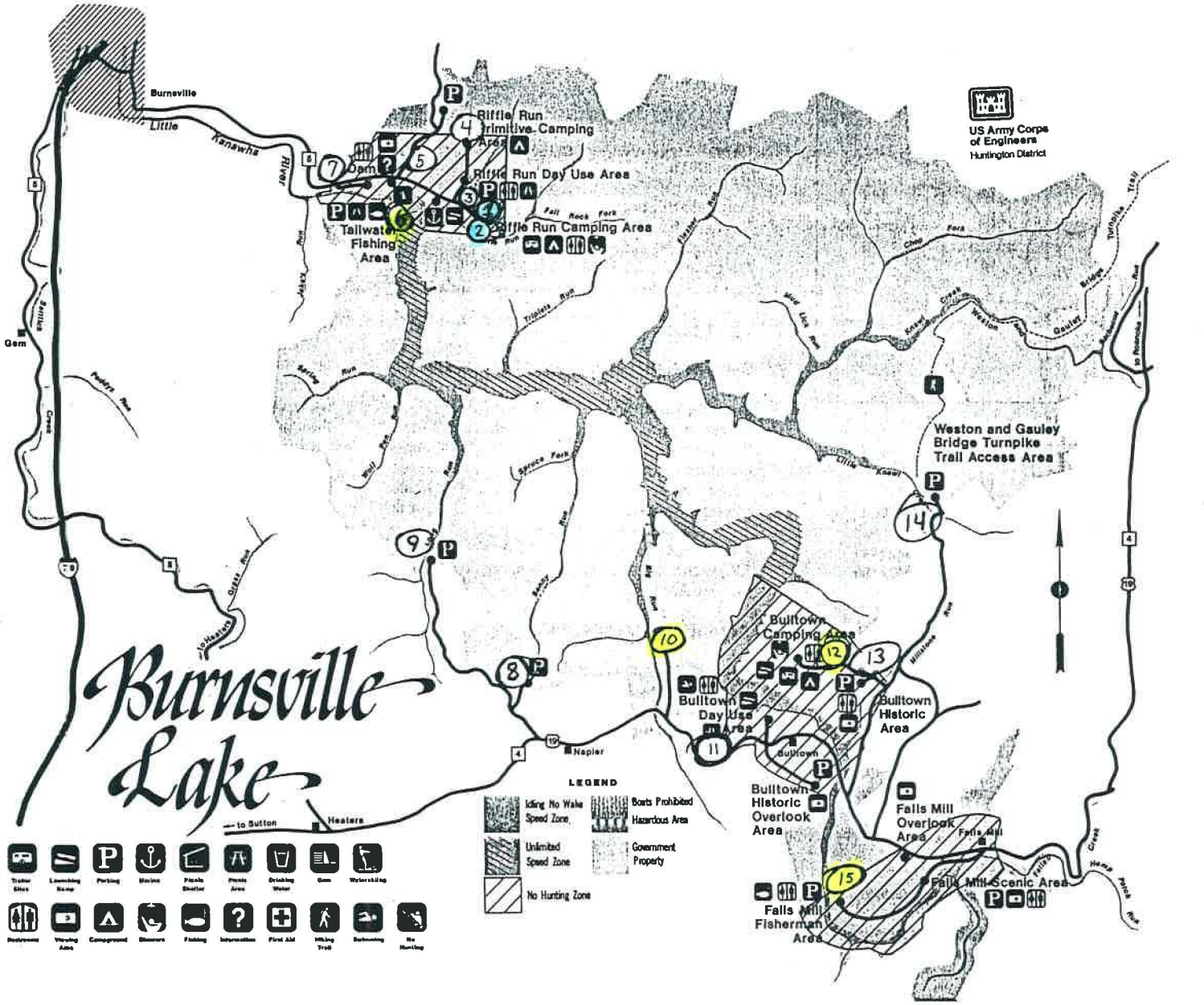
For taped message on lake information call: (614) 548-5889

Recreation Facilities

Beach	Howard Rd Boat Ramp
Lewis Center Picnic Area	Hogback Rd Parking Area
Peachblow Boat Ramp & Marina	Cheshire Boat Ramp & Picnic Area
State Park Campground	New Galena Boat Ramp
Horsemens Day Use Area	Cheshire Fishing Access
Kilbourne Fishing Access	Downstream Area
	State Parking Area & Fishing Access

=Positive male moth catch
=Missing trap

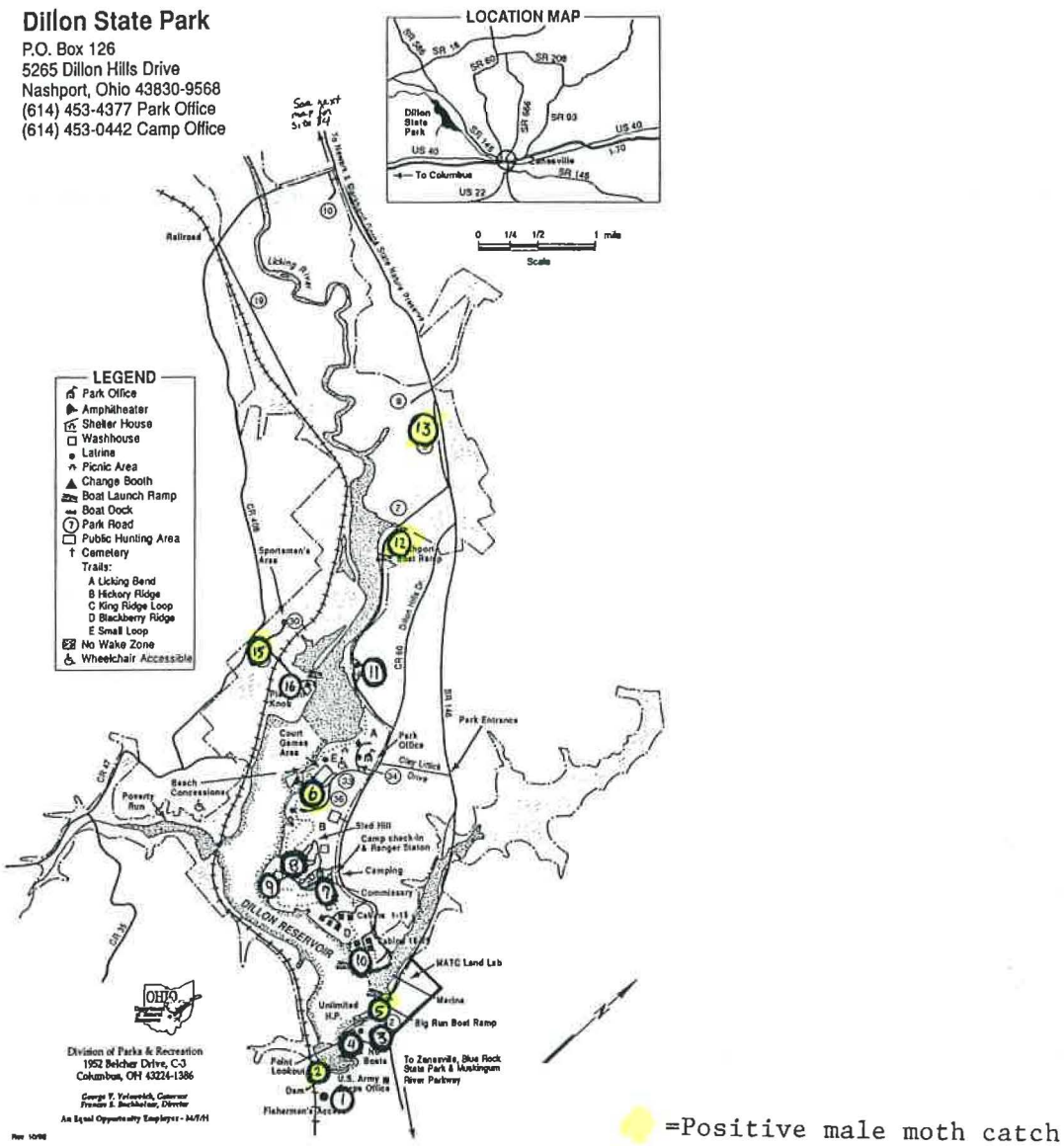
Figure 2.--1994 gypsy moth trap locations.



=Positive male moth catch

=Missing trap

Figure 3.--1994 gypsy moth trap locations.



=Positive male moth catch

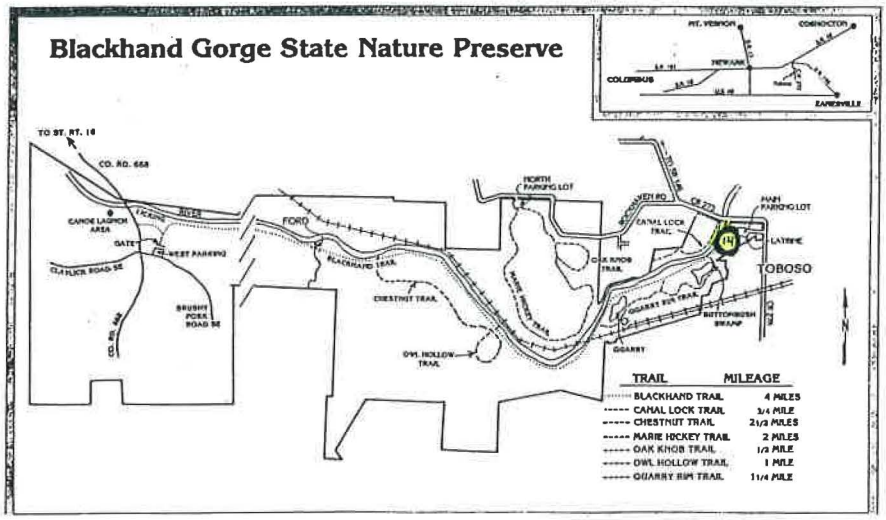


Figure 4.--1994 gypsy moth trap locations.

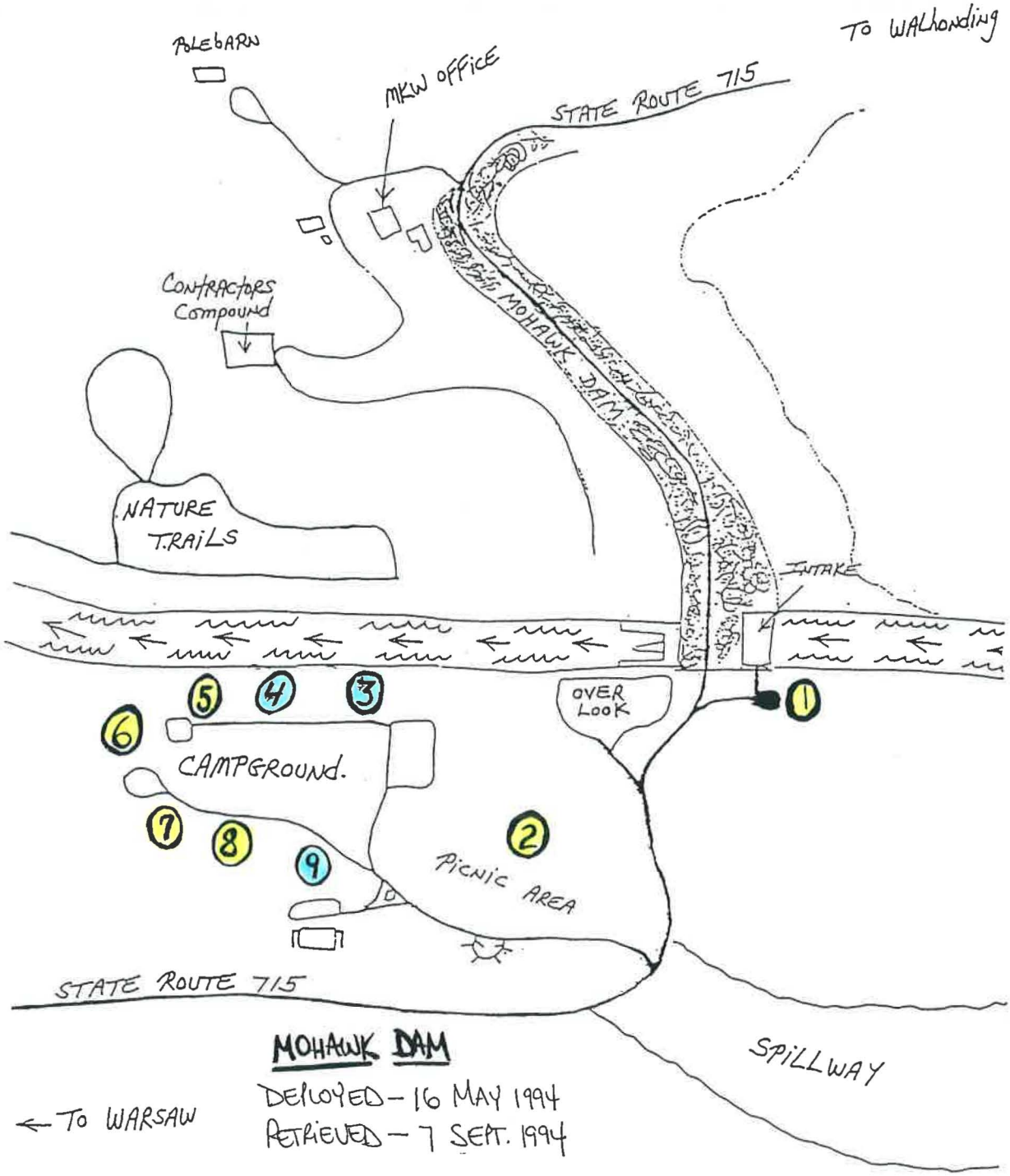


Figure 5.--1994 gypsy moth trap locations.

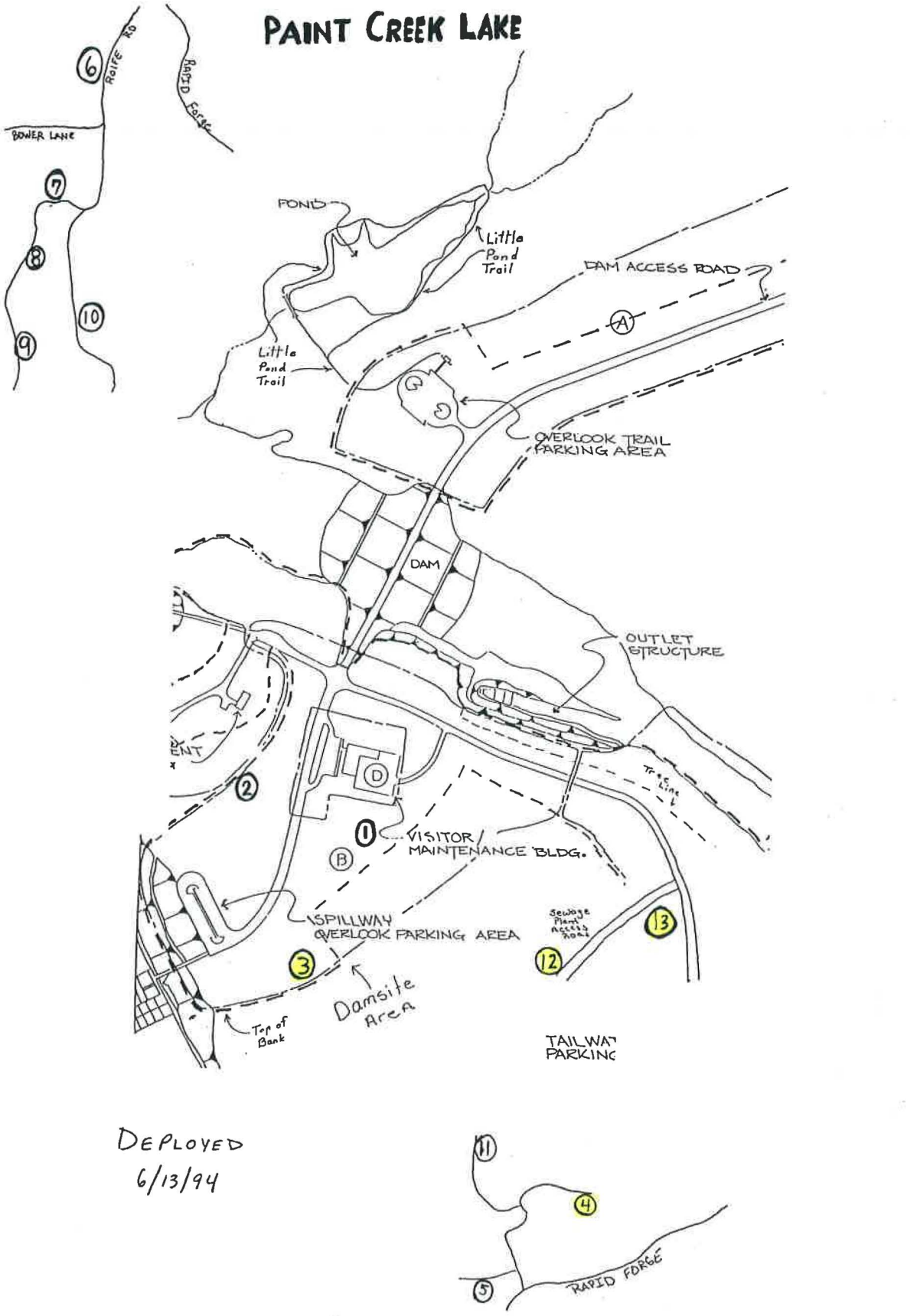
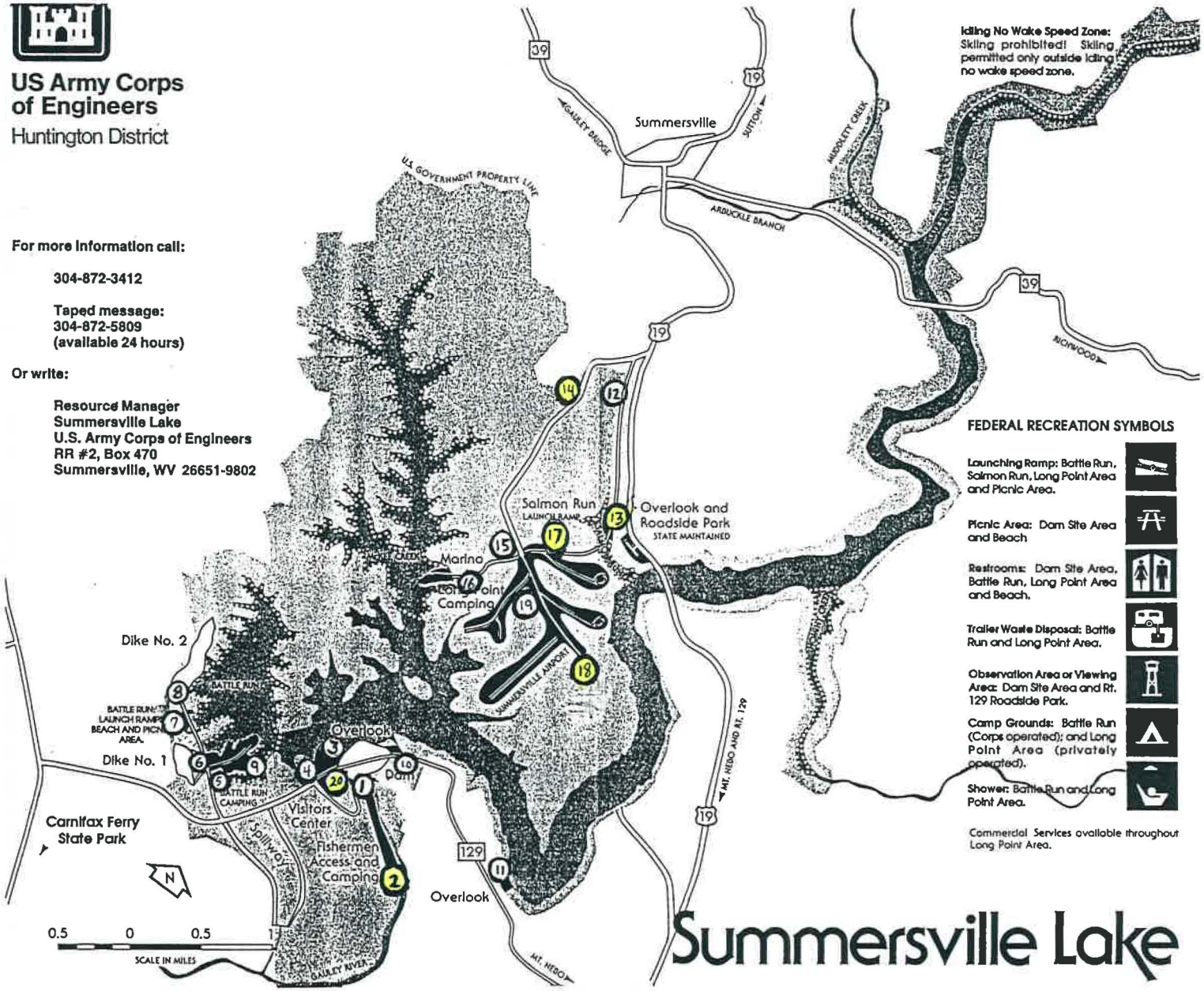
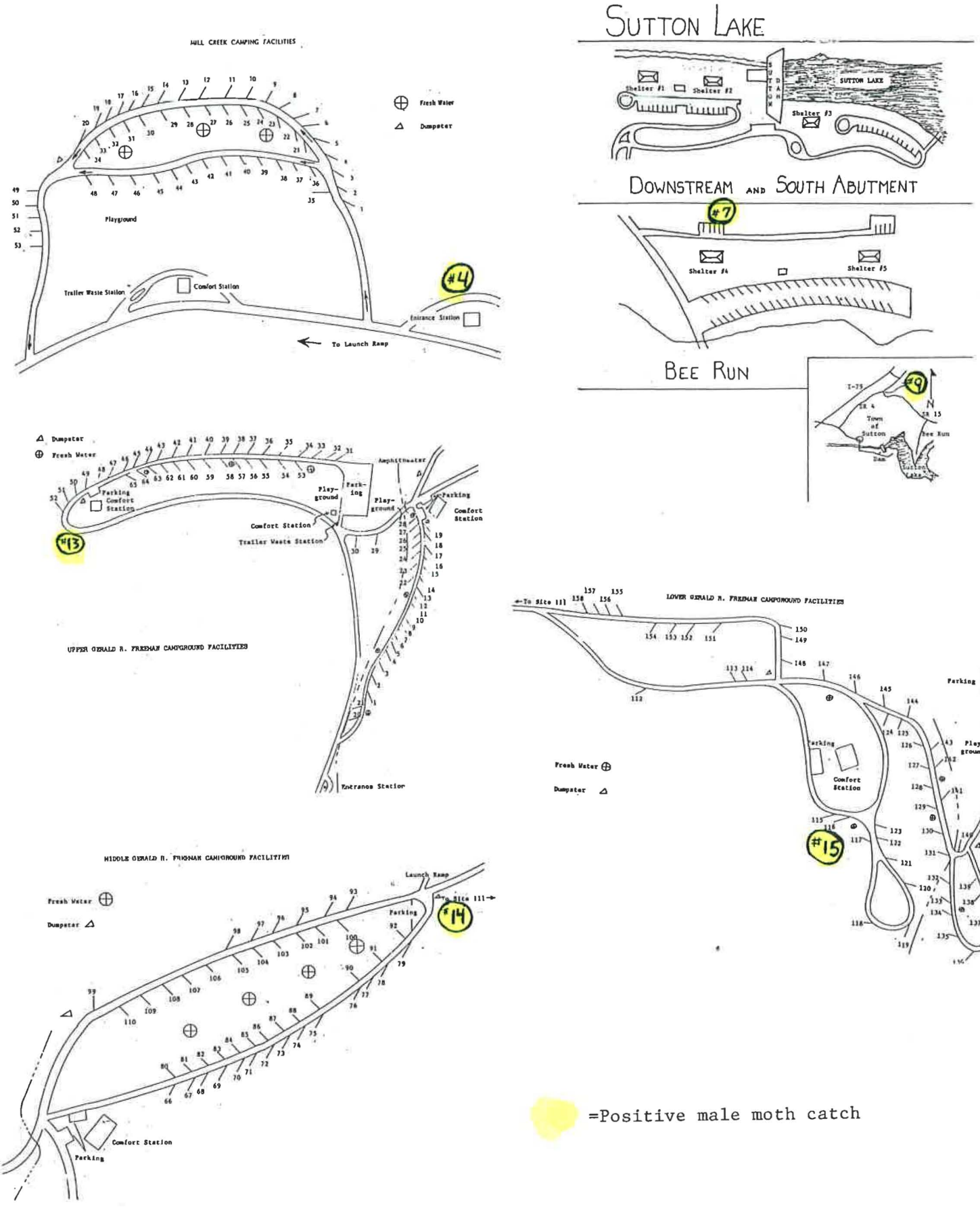


Figure 6.--1994 gypsy moth trap locations.



=Positive male moth catch

Figure 7.--1994 gypsy moth trap locations which had positive male moth catches.



=Positive male moth catch